

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092324\
 Data File : VN084119.D
 Acq On : 23 Sep 2024 19:05
 Operator : JC\MD
 Sample : P4136-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 24 05:00:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 15:18:56 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

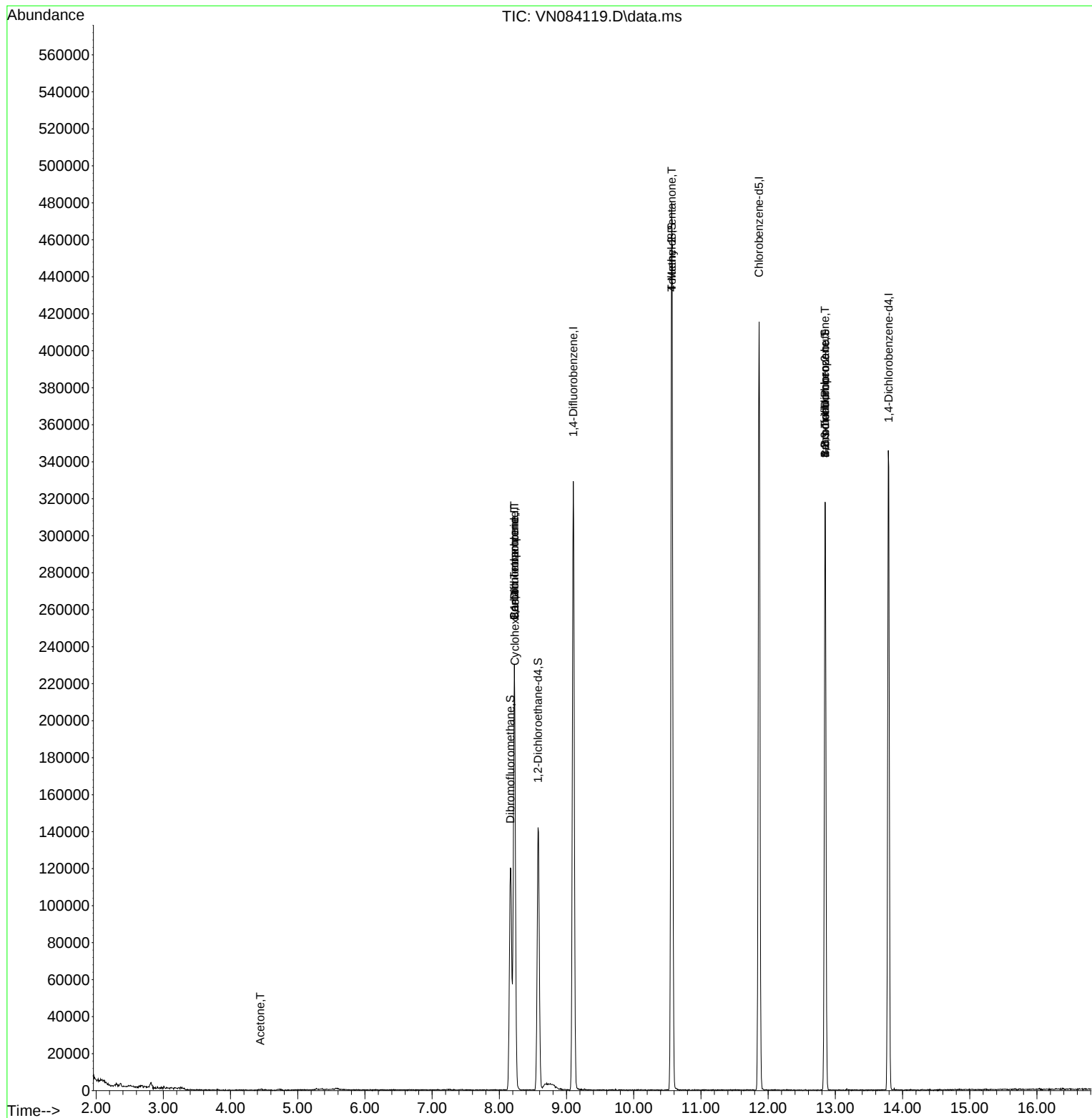
Internal Standards						
1) Pentafluorobenzene	8.224	168	154514	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	269406	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	225678	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	89361	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	118904	51.035	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 102.060%	
35) Dibromofluoromethane	8.165	113	87279	50.605	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.220%	
50) Toluene-d8	10.565	98	322780	54.136	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 108.280%	
62) 4-Bromofluorobenzene	12.847	95	109204	44.393	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 88.780%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	1509	Below Cal		93
16) Acetone	4.442	43	971	1.040	ug/l #	45
18) Methyl Acetate	5.024	43	58	Below Cal	#	52
31) Cyclohexane	8.230	56	4061	1.206	ug/l #	32
36) 1,1-Dichloropropene	8.224	75	14714	5.668	ug/l #	50
38) Carbon Tetrachloride	8.224	117	17453	5.926	ug/l #	16
51) 4-Methyl-2-Pentanone	10.565	43	1659	0.714	ug/l #	1
71) Bromoform	12.847	173	668	0.570	ug/l #	29
76) 1,2,3-Trichloropropane	12.847	75	59831	33.182	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	59831	86.906	ug/l #	9

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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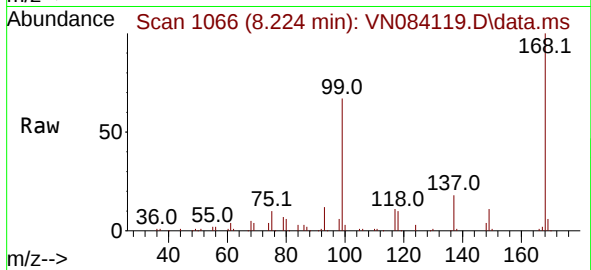
Quant Time: Sep 24 05:00:53 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 11 15:18:56 2024
Response via : Initial Calibration



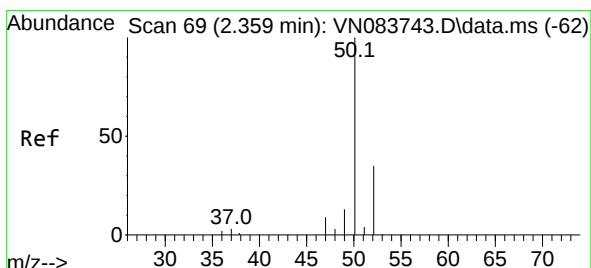
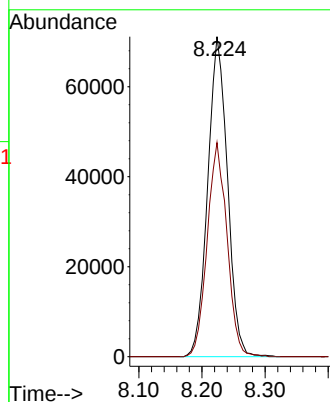
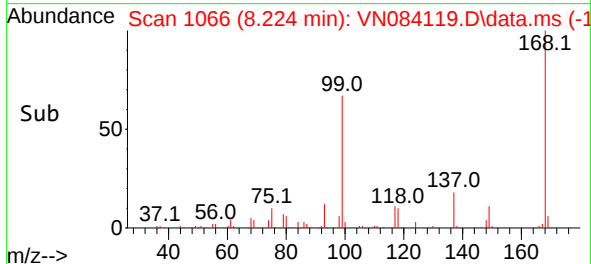


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084119.D
Acq: 23 Sep 2024 19:05

Instrument :
MSVOA_N
ClientSampleId :

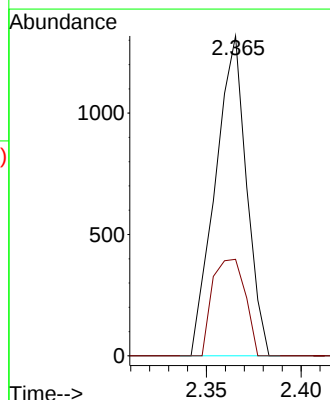
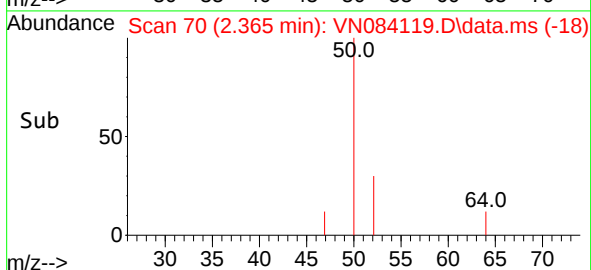
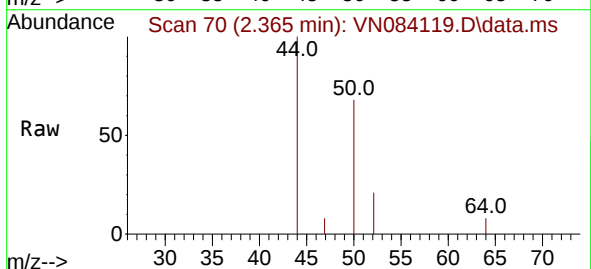


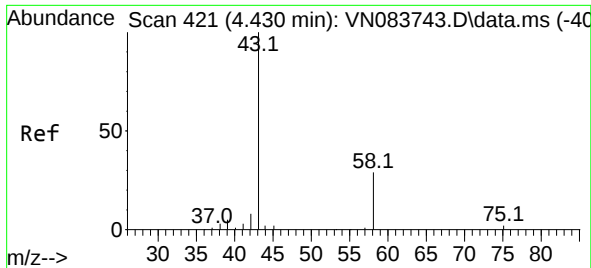
Tgt Ion:168 Resp: 154514
Ion Ratio Lower Upper
168 100
99 66.9 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN084119.D
Acq: 23 Sep 2024 19:05

Tgt Ion: 50 Resp: 1509
Ion Ratio Lower Upper
50 100
52 30.2 27.2 40.8

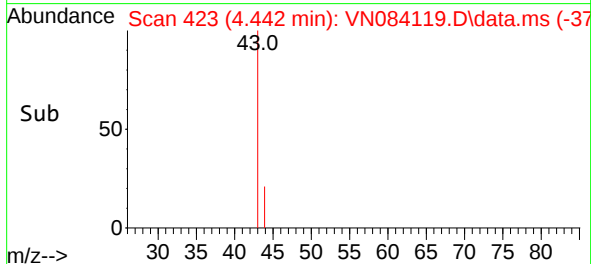
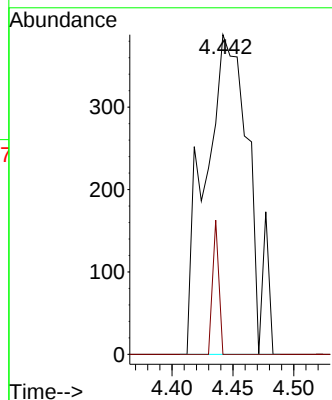
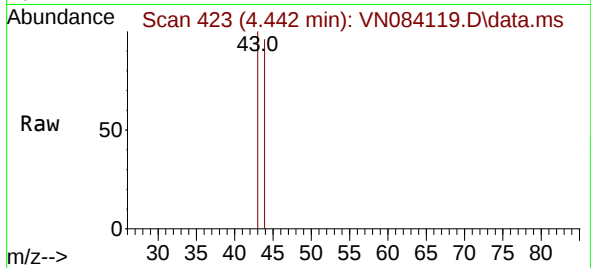




#16
Acetone
Concen: 1.040 ug/l
RT: 4.442 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN084119.D
Acq: 23 Sep 2024 19:05

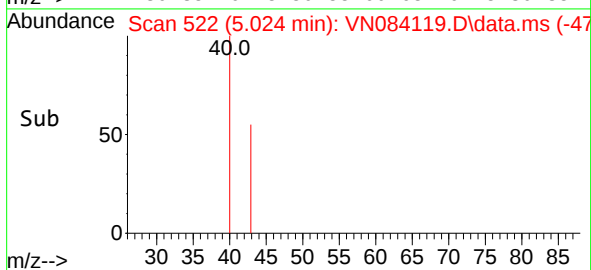
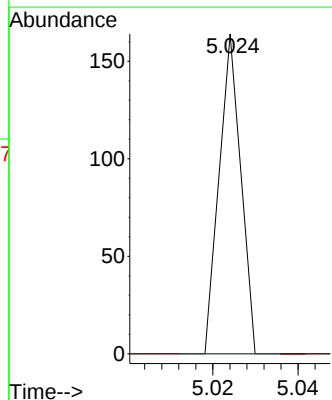
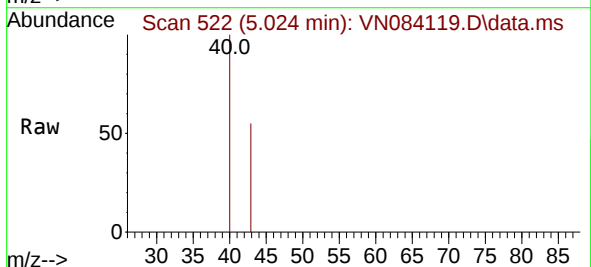
Instrument :
MSVOA_N
ClientSampleId :

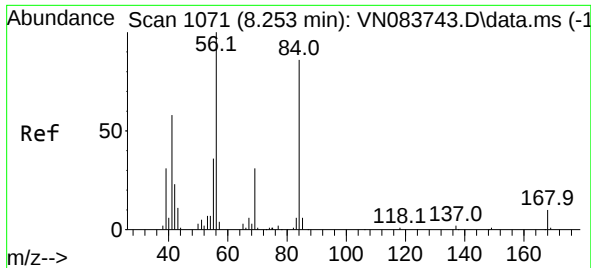
Tgt Ion: 43 Resp: 971
Ion Ratio Lower Upper
43 100
58 0.0 23.7 35.5#



#18
Methyl Acetate
Concen: Below Cal
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN084119.D
Acq: 23 Sep 2024 19:05

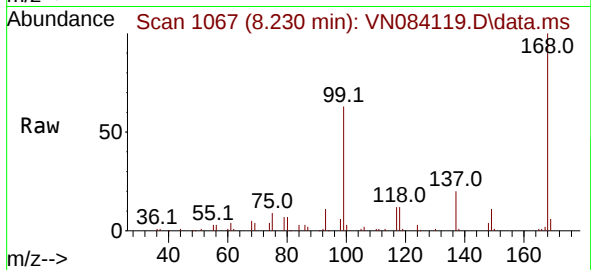
Tgt Ion: 43 Resp: 58
Ion Ratio Lower Upper
43 100
74 0.0 19.0 28.4#



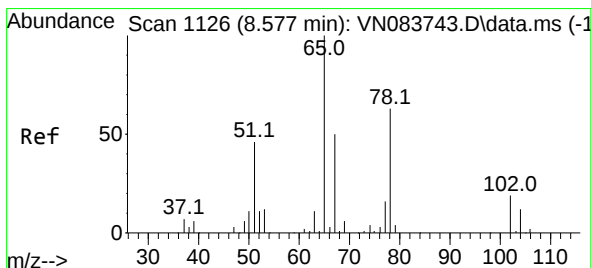
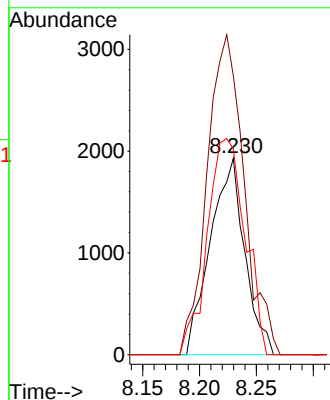
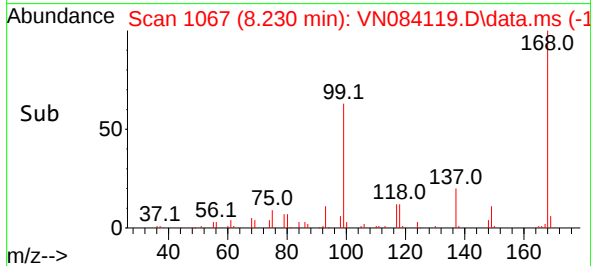


#31
Cyclohexane
Concen: 1.206 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.023 min
Lab File: VN084119.D
Acq: 23 Sep 2024 19:05

Instrument :
MSVOA_N
ClientSampleId :

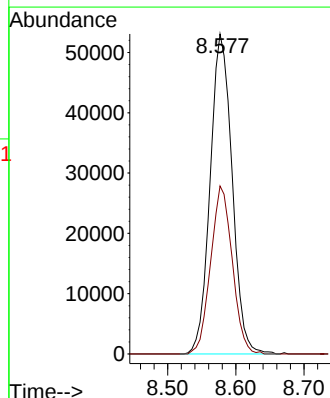
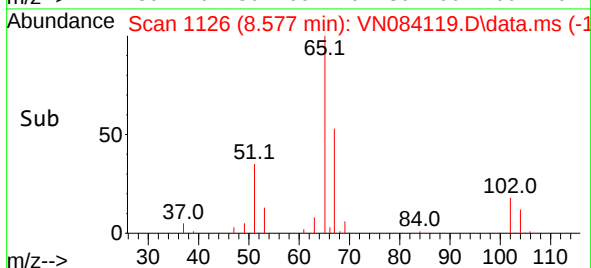
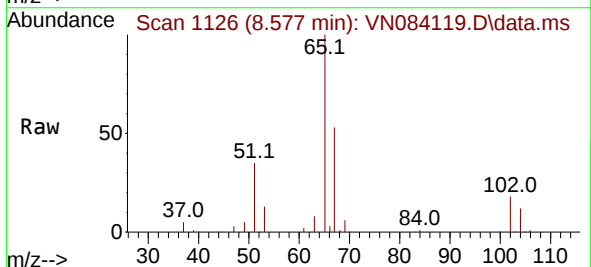


Tgt Ion: 56 Resp: 4061
Ion Ratio Lower Upper
56 100
69 142.0 26.9 40.3#
84 104.9 69.2 103.8#



#33
1,2-Dichloroethane-d4
Concen: 51.035 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN084119.D
Acq: 23 Sep 2024 19:05

Tgt Ion: 65 Resp: 118904
Ion Ratio Lower Upper
65 100
67 51.7 0.0 100.8

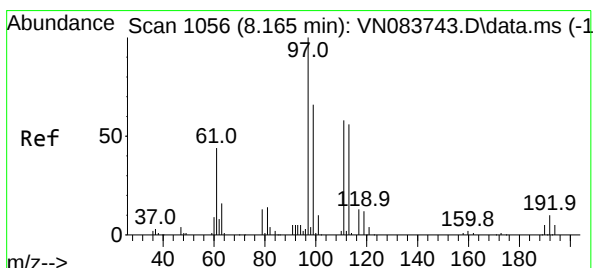
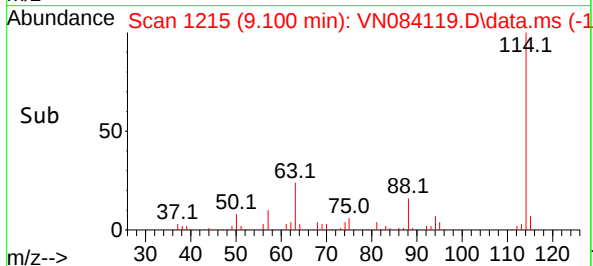
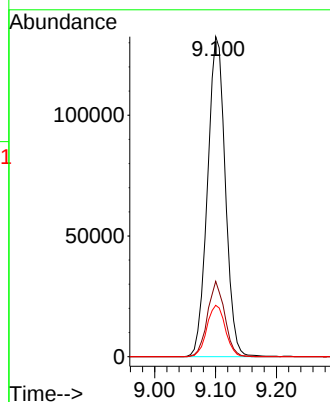
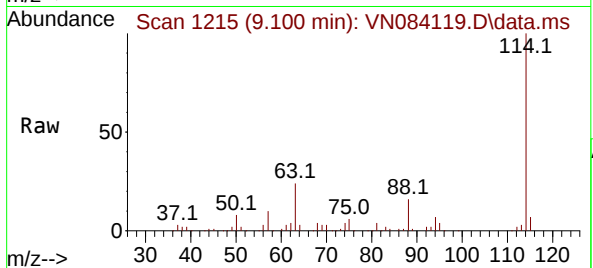




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN084119.D
Acq: 23 Sep 2024 19:05

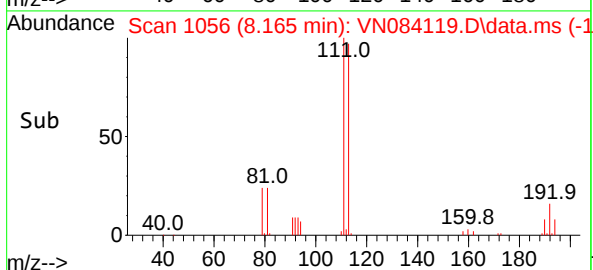
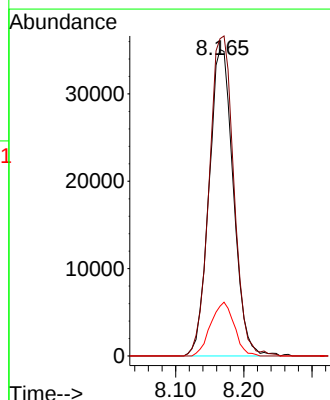
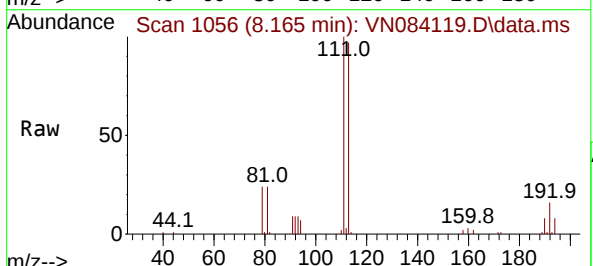
Instrument :
MSVOA_N
ClientSampleId :

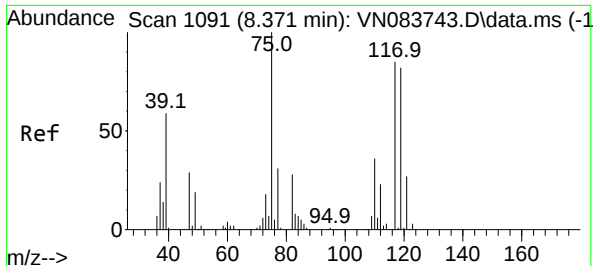
Tgt Ion:114 Resp: 269406
Ion Ratio Lower Upper
114 100
63 23.6 0.0 43.4
88 16.1 0.0 32.6



#35
Dibromofluoromethane
Concen: 50.605 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN084119.D
Acq: 23 Sep 2024 19:05

Tgt Ion:113 Resp: 87279
Ion Ratio Lower Upper
113 100
111 105.2 82.6 124.0
192 16.9 14.3 21.5





#36

1,1-Dichloropropene

Concen: 5.668 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

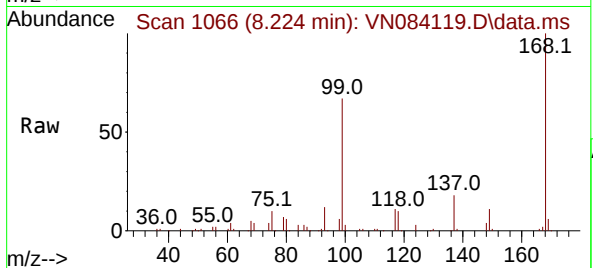
Lab File: VN084119.D

Acq: 23 Sep 2024 19:05

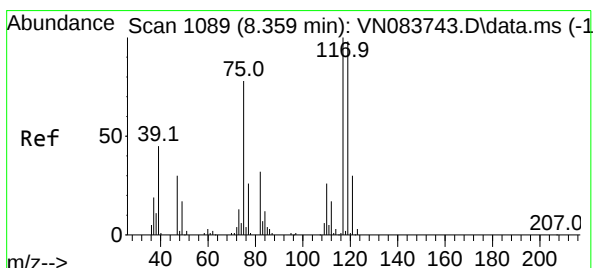
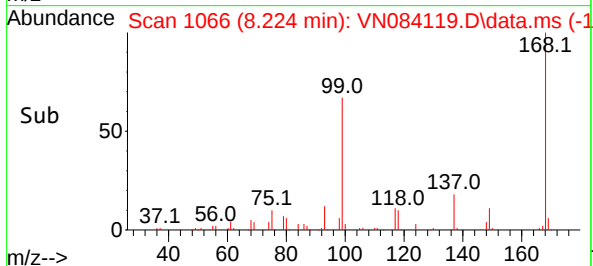
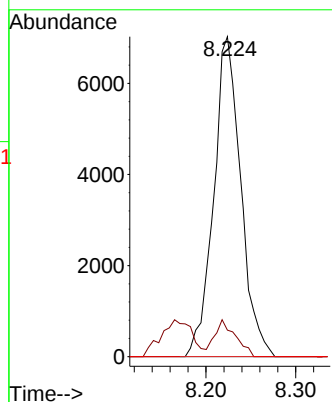
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	75	Resp:	14714
Ion Ratio	100	Lower	Upper
75	100		
110	8.8	16.7	50.1#
77	0.0	25.2	37.8#



#38

Carbon Tetrachloride

Concen: 5.926 ug/l

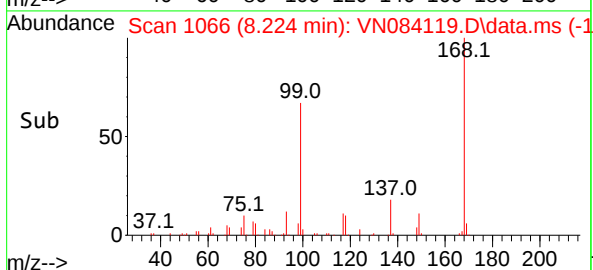
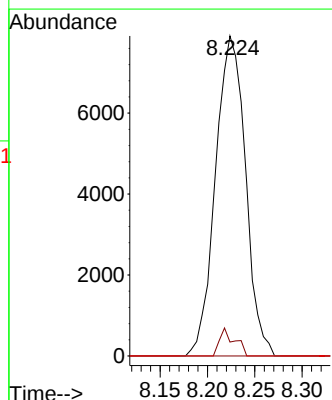
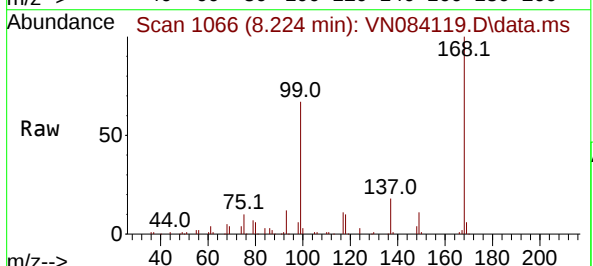
RT: 8.224 min Scan# 1066

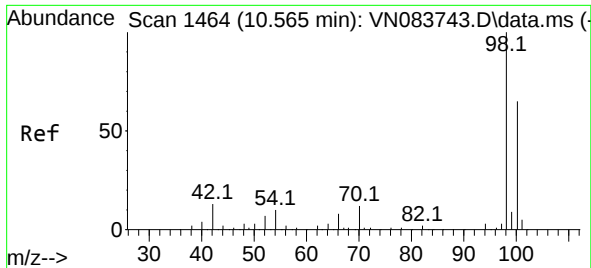
Delta R.T. -0.135 min

Lab File: VN084119.D

Acq: 23 Sep 2024 19:05

Tgt Ion:	117	Resp:	17453
Ion Ratio	100	Lower	Upper
117	100		
119	4.4	76.1	114.1#
121	0.0	24.1	36.1#

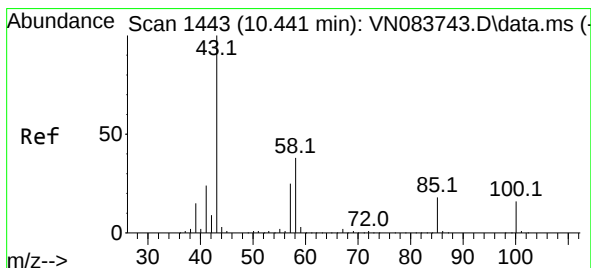
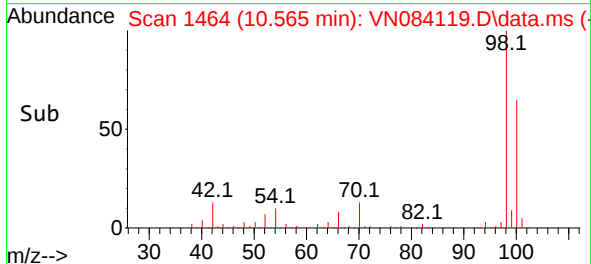
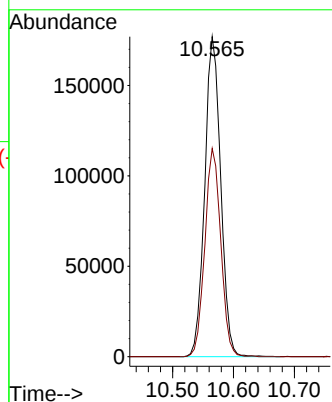
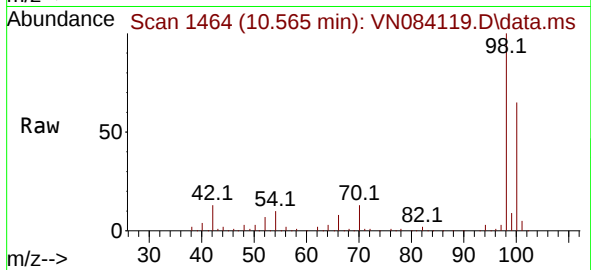




#50
Toluene-d8
Concen: 54.136 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN084119.D
Acq: 23 Sep 2024 19:05

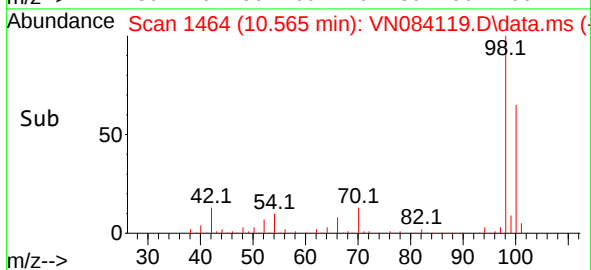
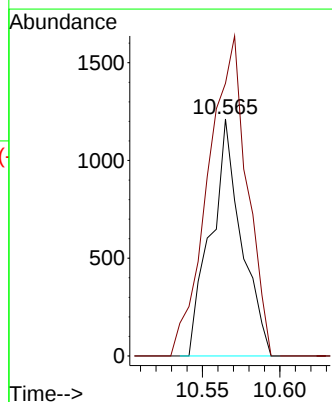
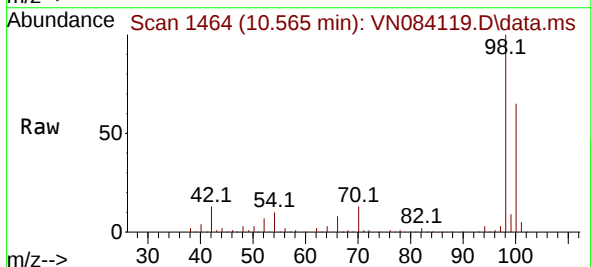
Instrument :
MSVOA_N
ClientSampleId :

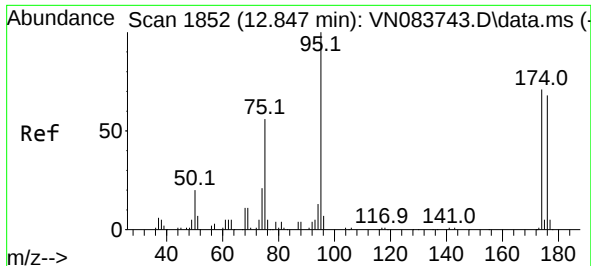
Tgt Ion: 98 Resp: 322780
Ion Ratio Lower Upper
98 100
100 64.9 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 0.714 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.124 min
Lab File: VN084119.D
Acq: 23 Sep 2024 19:05

Tgt Ion: 43 Resp: 1659
Ion Ratio Lower Upper
43 100
58 172.6 31.6 47.4#

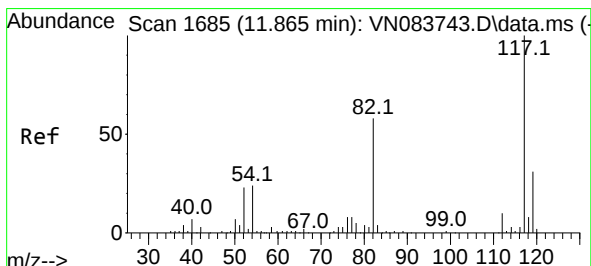
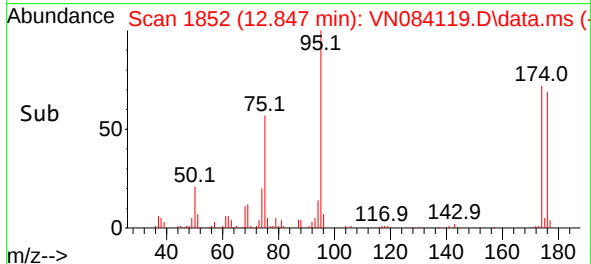
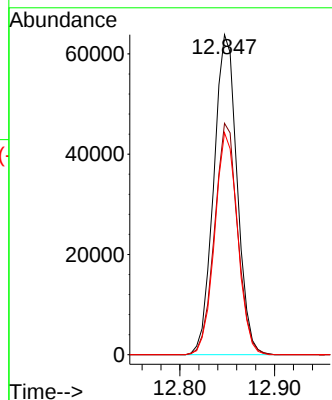
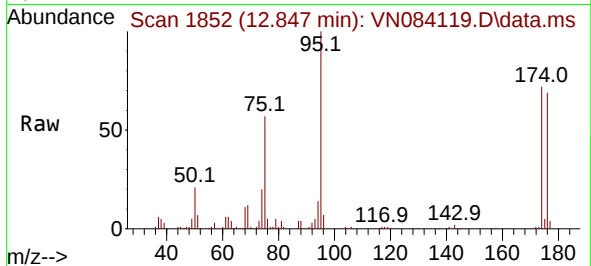




#62
4-Bromofluorobenzene
Concen: 44.393 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN084119.D
Acq: 23 Sep 2024 19:05

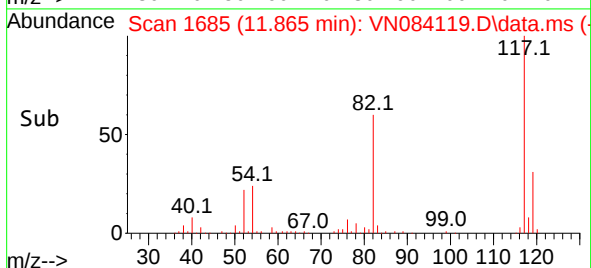
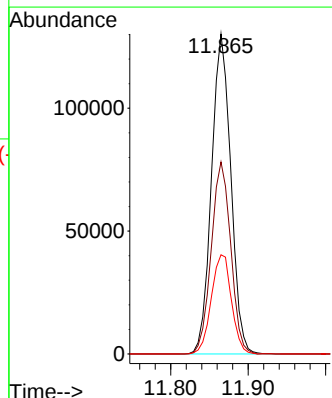
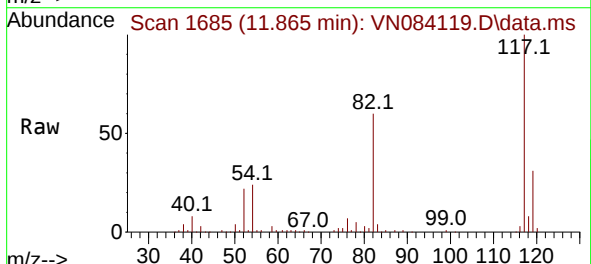
Instrument :
MSVOA_N
ClientSampleId :

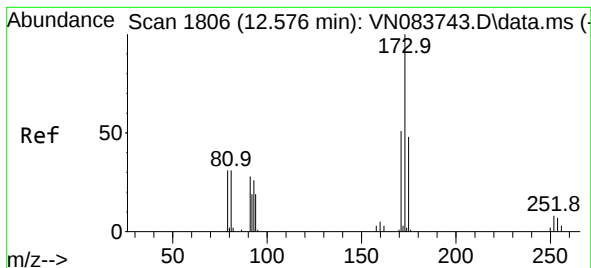
Tgt Ion: 95 Resp: 109204
Ion Ratio Lower Upper
95 100
174 71.5 0.0 139.8
176 68.1 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN084119.D
Acq: 23 Sep 2024 19:05

Tgt Ion: 117 Resp: 225678
Ion Ratio Lower Upper
117 100
82 60.0 47.4 71.0
119 31.0 26.3 39.5





#71

Bromoform

Concen: 0.570 ug/l

RT: 12.847 min Scan# 1806

Delta R.T. 0.271 min

Lab File: VN084119.D

Acq: 23 Sep 2024 19:05

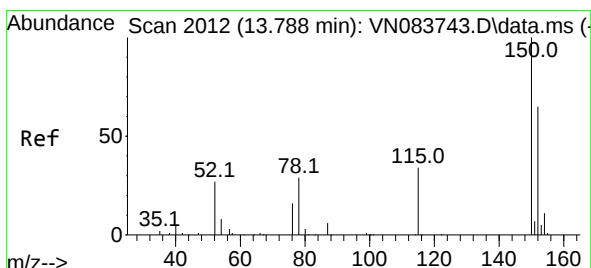
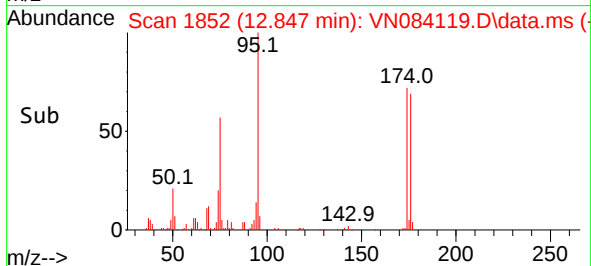
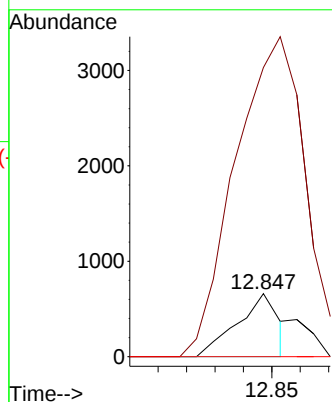
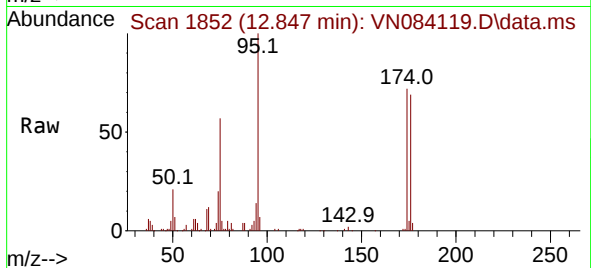
Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:173 Resp: 668

Ion	Ratio	Lower	Upper
173	100		
175	0.0	24.1	72.2#
254	0.0	0.0	0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

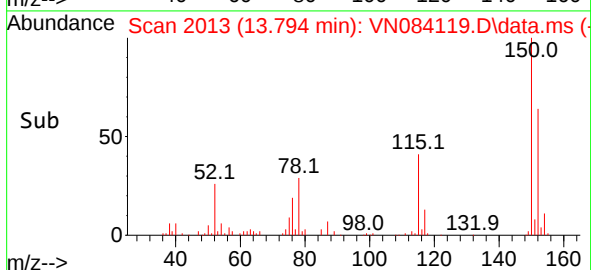
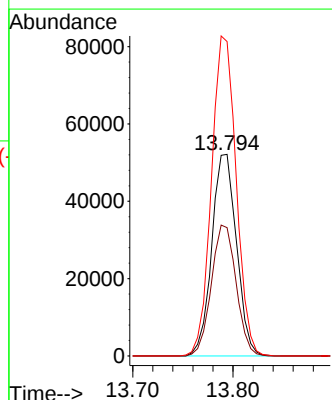
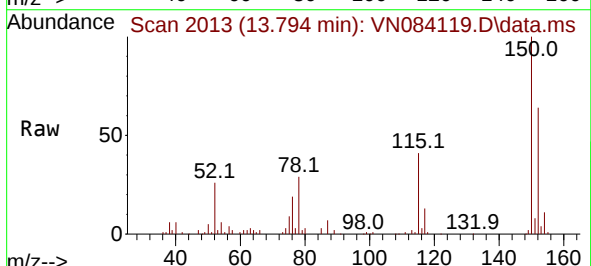
Delta R.T. 0.006 min

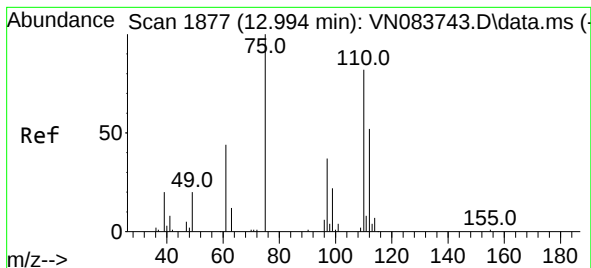
Lab File: VN084119.D

Acq: 23 Sep 2024 19:05

Tgt Ion:152 Resp: 89361

Ion	Ratio	Lower	Upper
152	100		
115	64.9	32.2	96.6
150	158.4	0.0	348.6





#76

1,2,3-Trichloropropane

Concen: 33.182 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

Lab File: VN084119.D

Acq: 23 Sep 2024 19:05

Instrument :

MSVOA_N

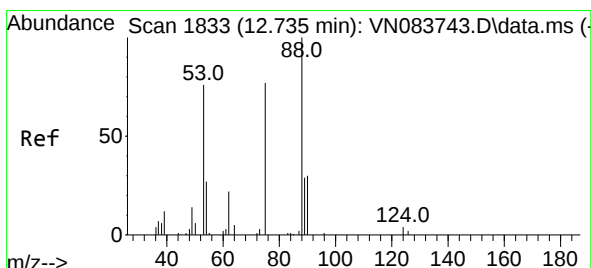
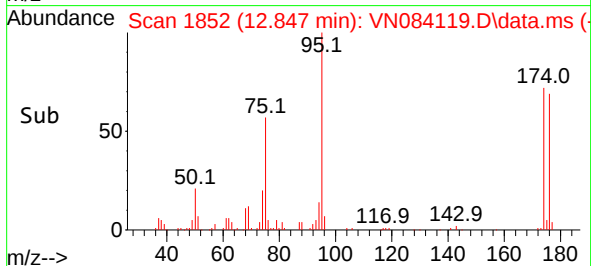
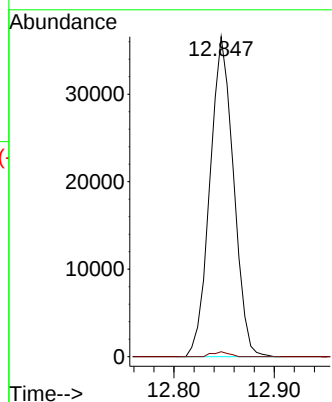
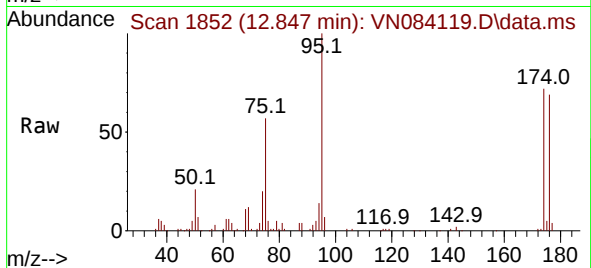
ClientSampleId :

Tgt Ion: 75 Resp: 59831

Ion Ratio Lower Upper

75 100

77 1.1 95.2 285.6#



#81

trans-1,4-Dichloro-2-butene

Concen: 86.906 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.112 min

Lab File: VN084119.D

Acq: 23 Sep 2024 19:05

Tgt Ion: 75 Resp: 59831

Ion Ratio Lower Upper

75 100

53 0.0 81.2 121.8#

89 0.0 35.7 53.5#

